

Surgical delivery device and mesh anchor

Abstract

A delivery device for delivering a plurality of individual surgical anchors is disclosed. The delivery device comprises a housing, a delivery tube, having a distal and a proximal end, an actuator, flexible anchor reaction members, a reciprocating anchor carrier, having a distal and a proximal end, the distal end terminating in a tissue penetrator. The device further includes at least one surgical anchor located in juxtaposition with the anchor carrier. Each of the surgical anchors has a penetration section and a head section. The surgical anchors are preferably made from an absorbable polymer. The actuator is connected to the anchor carrier and has at least two states. The first, or home state, comprises a position such that the surgical anchor is proximal the distal end of the tube. The second state is such that the penetrating section of the surgical anchor is exposed beyond the distal end of the delivery tube.